BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE.

DIVISION: BYATARAYANAPURA.

SUB DIVISION: VIDYARANYAPURA.

PRE-MEASUREMENT

9TH AND PART BILL

Name of Work: *Package No. 06 (Consists of 14 Works).*

Est Cost: 1500.00 Lakhs

Work Order: BBMP/EE/BTP/WO/76/2022-23 Dated: 24-11-2022.

Agency: M/s. SMLP Asphalts Prop: Sri B.B. Umesha

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Kodigehalli Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	1 1
Item Name	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead I By Manual Means B Cement Concrete Grade M-15 & M-20

SL NO	CHAINAGE / Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On : 25/12/22			16-Nov-2022						
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)									
Virupakshapura									
Culvert Dismantling									
For Culverts									
3	Maruthi Lyt M/R-Virupakshapura M/R JUN	1	7.00	1.20	1.20	1.20	0.23	1.93	
Executed Quantity								**1.93**	**Cum**
Quantity carried to summary of 9th RA bill								**1.93**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
New Ward No. 11
BBMP Bangalore

Asst. Executive Engineer
Kodigehalli Sub Division
Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Kodigehalli Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	4
Item Name	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On : 28/12/22				21-Nov-2022		1-Dec-2022				
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
	Earth Work For Rcc Drain									
Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)										
LHS	0.00	30.00	1	30.00	1.10	1.10	1.10	0.90	29.70	
	30.00	48.00	1	18.00	1.10	1.10	1.10	0.90	17.82	
	53.00	74.50	1	21.50	1.10	1.10	1.10	0.90	21.29	
	80.80	93.50	1	12.70	1.10	1.10	1.10	0.90	12.57	
	93.50	107.00	1	13.50	1.10	1.10	1.10	0.90	13.37	
	112.00	135.50	1	23.50	1.10	1.10	1.10	0.90	23.27	
	140.00	149.00	1	9.00	1.10	1.10	1.10	0.90	8.91	
	149.00	158.00	1	9.00	1.10	1.10	1.10	0.90	8.91	
	164.00	186.00	1	22.00	1.10	1.10	1.10	0.90	21.78	
	186.00	208.00	1	22.00	1.10	1.10	1.10	0.90	21.78	
	208.00	232.00	1	24.00	1.10	1.10	1.10	0.90	23.76	
Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)										
RHS	113.00	139.00	1	26.00	1.10	1.10	1.10	0.90	25.74	
	149.00	170.00	1	21.00	1.10	1.10	1.10	0.90	20.79	
	200.00	208.00	1	8.00	1.10	1.10	1.10	0.90	7.92	
	208.00	232.00	1	24.00	1.10	1.10	1.10	0.90	23.76	
Maramma Temple Back Side Road										
LHS	0.00	15.00	1	15.00	1.10	1.10	1.10	0.90	14.85	
	15.00	45.00	1	30.00	1.10	1.10	1.10	0.90	29.70	
	45.00	55.00	1	10.00	1.10	1.10	1.10	0.90	9.90	
	55.00	85.00	1	30.00	1.10	1.10	1.10	0.90	29.70	
	85.00	115.00	1	30.00	1.10	1.10	1.10	0.90	29.70	
	115.00	119.00	1	4.00	1.10	1.10	1.10	0.90	3.96	

399.17

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Maramma Temple Back Side Road										
RHS	0.00	16.00	1	16.00	1.10	1.10	1.10	0.90	15.84	
	16.00	45.00	1	29.00	1.10	1.10	1.10	0.90	28.71	
	45.00	55.00	1	10.00	1.10	1.10	1.10	0.90	9.90	
	55.00	85.00	1	30.00	1.10	1.10	1.10	0.90	29.70	
	85.00	115.00	1	30.00	1.10	1.10	1.10	0.90	29.70	
	115.00	145.00	1	30.00	1.10	1.10	1.10	0.90	29.70	
For Culverts										
1	Maruthi Lyt M/R-10th Cross road JUN		1	5.00	1.40	1.40	1.40	0.90	6.30	
2	Maruthi Lyt M/R-9th Cross road JUN		1	5.00	1.40	1.40	1.40	0.90	6.30	
3	Maruthi Lyt M/R-Virupakshapura M/R JUN		1	7.00	1.40	1.40	1.40	0.90	8.82	
4	Maramma Temple Back side		1	6.60	1.40	1.40	1.40	0.90	8.32	
Executed Quantity									**572.45**	**Cum**
Quantity carried to summary of 9th RA bill									**572.45**	**Cum**

173.29

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
New Ward No. 11
BBMP Bangalore

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer Kodigehalli Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	8	
Item Name	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes, machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On : 17/11/22				23-Nov-2022		2-Dec-2022				
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
PCC For Drain										
Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)										
LHS	0.00	30.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	30.00	48.00	1	18.00	1.10	1.10	1.10	0.15	2.97	
	53.00	74.50	1	21.50	1.10	1.10	1.10	0.15	3.55	
	80.80	93.50	1	12.70	1.10	1.10	1.10	0.15	2.10	
	93.50	107.00	1	13.50	1.10	1.10	1.10	0.15	2.23	
	112.00	135.50	1	23.50	1.10	1.10	1.10	0.15	3.88	
	140.00	149.00	1	9.00	1.10	1.10	1.10	0.15	1.49	
	149.00	158.00	1	9.00	1.10	1.10	1.10	0.15	1.49	
	164.00	186.00	1	22.00	1.10	1.10	1.10	0.15	3.63	
	186.00	208.00	1	22.00	1.10	1.10	1.10	0.15	3.63	
	208.00	232.00	1	24.00	1.10	1.10	1.10	0.15	3.96	
Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)										
RHS	113.00	139.00	1	26.00	1.10	1.10	1.10	0.15	4.29	
	149.00	170.00	1	21.00	1.10	1.10	1.10	0.15	3.47	
	200.00	208.00	1	8.00	1.10	1.10	1.10	0.15	1.32	
	208.00	232.00	1	24.00	1.10	1.10	1.10	0.15	3.96	
Maramma Temple Back Side Road										
LHS	0.00	15.00	1	15.00	1.10	1.10	1.10	0.15	2.48	
	15.00	45.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	45.00	55.00	1	10.00	1.10	1.10	1.10	0.15	1.65	
	55.00	85.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	85.00	115.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	115.00	119.00	1	4.00	1.10	1.10	1.10	0.15	0.66	

66.53

Assistant Executive Engineer
Kodigehalli S...
BBMP, B...

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Maramma Temple Back Side Road										
RHS	0.00	16.00	1	16.00	1.10	1.10	1.10	0.15	2.64	
	16.00	45.00	1	29.00	1.10	1.10	1.10	0.15	4.79	
	45.00	55.00	1	10.00	1.10	1.10	1.10	0.15	1.65	
	55.00	85.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	85.00	115.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	115.00	145.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
For Culverts										
1	Maruthi Lyt M/R-10th Cross road JUN		1	5.00	1.40	1.40	1.40	0.20	1.40	
2	Maruthi Lyt M/R-9th Cross road JUN		1	5.00	1.40	1.40	1.40	0.20	1.40	
3	Maruthi Lyt M/R-Virupakshapura M/R JUN		1	7.00	1.40	1.40	1.40	0.20	1.96	
4	Maramma Temple Back side		1	6.60	1.40	1.40	1.40	0.20	1.85	
										30.53
Executed Quantity									**97.06**	**Cum**
Quantity carried to summary of 9th RA bill									**97.06**	**Cum**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
New Ward No. 11
BBMP Bangalore

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Kodigehalli Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO: 9

Item Name: Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On : 2/12/22				26-Nov-2022		5-Dec-2022				
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
Raft Concrete For Drain										
Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)										
LHS	0.00	30.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	30.00	48.00	1	18.00	1.20	1.20	1.20	0.15	3.24	
	53.00	74.50	1	21.50	1.20	1.20	1.20	0.15	3.87	
	80.80	93.50	1	12.70	1.20	1.20	1.20	0.15	2.29	
	93.50	107.00	1	13.50	1.20	1.20	1.20	0.15	2.43	
	112.00	135.50	1	23.50	1.20	1.20	1.20	0.15	4.23	
	140.00	149.00	1	9.00	1.20	1.20	1.20	0.15	1.62	
	149.00	158.00	1	9.00	1.20	1.20	1.20	0.15	1.62	
	164.00	186.00	1	22.00	1.20	1.20	1.20	0.15	3.96	
	186.00	208.00	1	22.00	1.20	1.20	1.20	0.15	3.96	
	208.00	232.00	1	24.00	1.20	1.20	1.20	0.15	4.32	
Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)										
RHS	113.00	139.00	1	26.00	1.20	1.20	1.20	0.15	4.68	
	139.00	149.00	1	10.00	1.20	1.20	1.20	0.15	1.80	
	149.00	170.00	1	21.00	1.20	1.20	1.20	0.15	3.78	
	170.00	200.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	200.00	208.00	1	8.00	1.20	1.20	1.20	0.15	1.44	
	208.00	232.00	1	24.00	1.20	1.20	1.20	0.15	4.32	
Maramma Temple Back Side Road										
LHS	0.00	15.00	1	15.00	1.20	1.20	1.20	0.15	2.70	
	15.00	45.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	45.00	55.00	1	10.00	1.20	1.20	1.20	0.15	1.80	
	55.00	85.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	85.00	115.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	115.00	119.00	1	4.00	1.20	1.20	1.20	0.15	0.72	

79.78

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Maramma Temple Back Side Road										
RHS	0.00	16.00	1	16.00	1.20	1.20	1.20	0.15	2.88	
	16.00	45.00	1	29.00	1.20	1.20	1.20	0.15	5.22	
	45.00	55.00	1	10.00	1.20	1.20	1.20	0.15	1.80	
	55.00	85.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	85.00	115.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
	115.00	145.00	1	30.00	1.20	1.20	1.20	0.15	5.40	
For Culverts										
1	Maruthi Lyt M/R-10th Cross road JUN		1	5.00	1.20	1.20	1.20	0.20	1.20	
2	Maruthi Lyt M/R-9th Cross road JUN		1	5.00	1.20	1.20	1.20	0.20	1.20	
3	Maruthi Lyt M/R-Virupakshapura M/R JUN		1	7.00	1.20	1.20	1.20	0.20	1.68	
4	Maramma Temple Back side		1	6.60	1.20	1.20	1.20	0.20	1.58	
Measurement Recorded On :				3-Dec-2022		12-Dec-2022				
For Drain side Wall										
Maruthi Layout Main Road (Arch to Railway parallel Road)										
LHS	0.00	30.00	2	30.00	0.15	0.15	0.15	0.65	5.85	
	30.00	48.00	2	18.00	0.15	0.15	0.15	0.65	3.51	
	53.00	74.50	2	21.50	0.15	0.15	0.15	0.65	4.19	
	80.80	93.50	2	12.70	0.15	0.15	0.15	0.65	2.48	
	93.50	107.00	2	13.50	0.15	0.15	0.15	0.65	2.63	
	112.00	135.50	2	23.50	0.15	0.15	0.15	0.65	4.58	
	140.00	149.00	2	9.00	0.15	0.15	0.15	0.65	1.76	
	149.00	158.00	2	9.00	0.15	0.15	0.15	0.65	1.76	
	164.00	186.00	2	22.00	0.15	0.15	0.15	0.65	4.29	
	186.00	208.00	2	22.00	0.15	0.15	0.15	0.65	4.29	
	208.00	232.00	2	24.00	0.15	0.15	0.15	0.65	4.68	
Maruthi Layout Main Road (Arch to Railway parallel Road)										
RHS	113.00	139.00	2	26.00	0.15	0.15	0.15	0.65	5.07	
	139.00	149.00	2	10.00	0.15	0.15	0.15	0.65	1.95	
	149.00	170.00	2	21.00	0.15	0.15	0.15	0.65	4.10	
	170.00	200.00	2	30.00	0.15	0.15	0.15	0.65	5.85	
	200.00	208.00	2	8.00	0.15	0.15	0.15	0.65	1.56	
	208.00	232.00	2	24.00	0.15	0.15	0.15	0.65	4.68	
Maramma Temple Back Side Road										
LHS	15.00	45.00	2	30.00	0.15	0.15	0.15	0.66	5.91	
	45.00	55.00	2	10.00	0.15	0.15	0.15	0.70	2.10	
	55.00	85.00	2	30.00	0.15	0.15	0.15	0.70	6.30	
	85.00	115.00	2	30.00	0.15	0.15	0.15	0.70	6.30	
	115.00	119.00	2	4.00	0.15	0.15	0.15	0.70	0.84	
Maramma Temple Back Side Road										
RHS	0.00	16.00	2	16.00	0.15	0.15	0.15	0.65	3.12	
	16.00	45.00	2	29.00	0.15	0.15	0.15	0.65	5.66	
	45.00	55.00	2	10.00	0.15	0.15	0.15	0.65	1.95	
	55.00	85.00	2	30.00	0.15	0.15	0.15	0.65	5.85	
	85.00	115.00	2	30.00	0.15	0.15	0.15	0.65	5.85	
	115.00	145.00	2	30.00	0.15	0.15	0.15	0.65	5.85	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

14471

SL NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
For Culverts									
1	Maruthi Lyt M/R-10th Cross road JUN	2	5.00	0.20	0.20	0.20	0.60	1.20	
2	Maruthi Lyt M/R-9th Cross road JUN	2	5.00	0.20	0.20	0.20	0.60	1.20	
3	Maruthi Lyt M/R-Virupakshapura M/R JUN	2	7.00	0.20	0.20	0.20	0.60	1.68	
4	Maramma Temple Back side	2	6.60	0.20	0.20	0.20	0.60	1.58	
Executed Quantity								230.15	Cum
Quantity carried to summary of 9th RA bill								230.15	Cum

5.66

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
New Ward No. 11
BBMP Bangalore

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Kodigehalli Sub-Division

Package No.06 (Consists of 14 Works)

Measurement Sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	10							
Item Name	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200							
SL. NO.	CHAINAGE / Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On : 30/11/22				24-Nov-2022		3-Dec-2022		
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)								
	Virupakshapura							
	Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)							
	LHS		205.20					
	U bar							
	10mm dia	2053	2.15				4413.95	
	0.62kg/m						**2736.65**	Kg
	Distribution bar							
	8mm dia	21	205.15				4308.15	
	0.395kg/m						**1701.72**	Kg
	Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)							
	RHS		119.00					
	U bar							
	10mm dia	1191	2.15				2560.65	
	0.62kg/m						**1587.60**	Kg
	Distribution bar							
	8mm dia	19	119.00				2261.00	
	0.395kg/m						**893.10**	Kg
	Maramma Temple Back Side Road							
	LHS		119.00					
	U bar							
	10mm dia	1191	2.15				2560.65	
	0.62kg/m						**1587.60**	Kg
	Distribution bar							
	8mm dia	19	118.95				2260.05	
	0.395kg/m						**892.72**	Kg
	Maramma Temple Back Side Road							
	LHS		145.00					
	U bar							
	10mm dia	1451	2.15				3119.65	
	0.62kg/m						**1934.18**	Kg
	Distribution bar							
	8mm dia	19	144.95				2754.05	
	0.395kg/m						**1087.85**	Kg

Assistant Executiv
Kodigehalli Sub
BBMP, Bang

SL. NO.	CHAINAGE Land mark		NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
			Culverts					
			23.60					
	U bar							
	10mm dia	237	2.15				509.55	
	0.62kg/m						**315.92**	Kg
	Distribution bar							
	8mm dia	19	23.55				447.45	
	0.395kg/m						**176.74**	Kg
				For Double mat			**985.33**	Kg
							13406.75	Kg
Executed Quantity							**13.41**	Tonne
Quantity carried to summary of 9th RA bill							**13.41**	Tonne

Contractor Representative

Consultant Representative

Assistant Engineer
New Ward No. 11
BBMP Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Kodigehalli Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO 16

Item Name: Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
Measurement Recorded On : 25/12/22				1-Mar-23						
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
	Asphalt Road									
	Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)									
	Pipe Line Cutting									
	0.00	20.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	20.00	40.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	40.00	60.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	60.00	80.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	80.00	100.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	100.00	126.00	1	26.00	0.60	0.60	0.60	0.23	3.59	
	126.00	146.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	146.00	166.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	166.00	186.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	186.00	206.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	206.00	226.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	226.00	247.00	1	21.00	0.60	0.60	0.60	0.23	2.90	
	Potholes									
			1	2.40	2.30	3.10	2.70	0.23	1.49	
			1	5.30	2.20	3.20	2.70	0.23	3.29	
			1	3.80	1.30	1.60	1.45	0.23	1.27	
			1	2.80	1.30	1.50	1.40	0.23	0.90	
			1	8.30	2.30	2.10	2.20	0.23	4.20	
Executed Quantity									**45.24**	**Cum**
Quantity carried to summary of 9th RA bill									**45.24**	**Cum**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
New Ward No. 11
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub-Division
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Excecutive Engineer, Kodigehalli Sub-Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	17
Item Name	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification No. 305.4.3

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	Breadth	(m)		
Measurement Recorded On : 26/12/22				2-Mar-23						
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
	Asphalt Road									
	Maramma Temple Back Side									
	0.00	20.00	1	20.00	4.80	5.60	5.20		104.00	
	20.00	30.00	1	10.00	5.60	4.60	5.10		51.00	
	30.00	50.00	1	20.00	4.60	5.20	4.90		98.00	
	50.00	70.00	1	20.00	5.20	5.40	5.30		106.00	
	70.00	90.00	1	20.00	5.40	5.90	5.65		113.00	
	90.00	110.00	1	20.00	3.90	5.70	4.80		96.00	
	110.00	130.00	1	20.00	5.70	5.80	5.75		115.00	
	130.00	150.00	1	20.00	5.80	6.20	6.00		120.00	
	150.00	166.00	1	16.00	6.20	7.20	6.70		106.00	
	166.00	186.00	1	20.00	7.00	6.40	6.70		134.00	
	186.00	206.00	1	20.00	6.40	7.10	6.75		135.00	
	206.00	217.00	1	11.00	7.10	5.90	6.50		71.50	
Executed Quantity									**1250.70**	**Sqm**
Quantity carried to summary of 9th RA bill									**1250.70**	**Sqm**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
New Ward No. 11
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub-Division
BBMP Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Kodigehalli Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	19	
Item Name	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth B(m)	Depth (m)	Qty	Remarks
Measurement Recorded On : 25/12/22			2-Mar-23							
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
	Asphalt Road									
	Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)									
	Pipe Line Cutting									
	0.00	20.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	20.00	40.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	40.00	60.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	60.00	80.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	80.00	100.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	100.00	126.00	1	26.00	0.60	0.60	0.60	0.23	3.59	
	126.00	146.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	146.00	166.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	166.00	186.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	186.00	206.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	206.00	226.00	1	20.00	0.60	0.60	0.60	0.23	2.76	
	226.00	247.00	1	21.00	0.60	0.60	0.60	0.23	2.90	
	Potholes									
			1	2.40	2.30	3.10	2.70	0.23	1.49	
			1	5.30	2.20	3.20	2.70	0.23	3.29	
			1	3.80	1.30	1.60	1.45	0.23	1.27	
			1	2.80	1.30	1.50	1.40	0.23	0.90	
			1	8.30	2.30	2.10	2.20	0.23	4.20	

45.19

Assistant Executive Engin
Kodigehalli Sub Divisio
BBMP, Bangalore

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	B(m)	(m)		
	Asphalt Road									
	Maramma Temple Back Side									
	0.00	20.00	1	20.00	4.80	5.60	5.20	0.23	23.92	
	20.00	30.00	1	10.00	5.60	4.60	5.10	0.23	11.73	
	30.00	50.00	1	20.00	4.60	5.20	4.90	0.23	22.54	
	50.00	70.00	1	20.00	5.20	5.40	5.30	0.23	24.38	
	70.00	90.00	1	20.00	5.40	5.90	5.65	0.23	25.99	
	90.00	110.00	1	20.00	3.90	5.70	4.80	0.23	22.08	
	110.00	130.00	1	20.00	5.70	5.80	5.75	0.23	26.45	
	130.00	150.00	1	20.00	5.80	6.20	6.00	0.23	27.60	
	150.00	166.00	1	16.00	6.20	7.20	6.70	0.23	24.66	
	166.00	186.00	1	20.00	7.00	6.40	6.70	0.23	30.82	
	186.00	206.00	1	20.00	6.40	7.10	6.75	0.23	31.05	
	206.00	217.00	1	11.00	7.10	5.90	6.50	0.23	16.45	
	Executed Quantity								**332.90**	**Cum**
	Quantity carried to summary of 9th RA bill								**332.90**	**Cum**

287.66

Contractor Representative

Assistant Engineer
New Ward No. 11
BBMP Bengaluru

Consultant Representative

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Kodigehalli Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	20	
Item Name	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No.502	

SL NO	CHAINAGE / Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
Measurement Recorded On : 4/4/23				4-Mar-23						
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
	Asphalt Road									
	Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)									
	Pipe Line Cutting									
	0.00	20.00	1	20.00	0.60	0.60	0.60		12.00	
	20.00	40.00	1	20.00	0.60	0.60	0.60		12.00	
	40.00	60.00	1	20.00	0.60	0.60	0.60		12.00	
	60.00	80.00	1	20.00	0.60	0.60	0.60		12.00	
	80.00	100.00	1	20.00	0.60	0.60	0.60		12.00	
	100.00	126.00	1	26.00	0.60	0.60	0.60		15.60	
	126.00	146.00	1	20.00	0.60	0.60	0.60		12.00	
	146.00	166.00	1	20.00	0.60	0.60	0.60		12.00	
	166.00	186.00	1	20.00	0.60	0.60	0.60		12.00	
	186.00	206.00	1	20.00	0.60	0.60	0.60		12.00	
	206.00	226.00	1	20.00	0.60	0.60	0.60		12.00	
	226.00	247.00	1	21.00	0.60	0.60	0.60		12.60	
	Potholes									
			1	2.40	2.30	3.10	2.70		6.48	
			1	5.30	2.20	3.20	2.70		14.31	
			1	3.80	1.30	1.60	1.45		5.51	
			1	2.80	1.30	1.50	1.40		3.92	
			1	8.30	2.30	2.10	2.20		18.26	
	ProfileCorrection									
	0.00	20.00	1	20.00	1.00	1.00	1.00		20.00	
	20.00	40.00	1	20.00	1.00	1.10	1.05		21.00	
	40.00	60.00	1	20.00	0.90	1.00	0.95		19.00	
	60.00	80.00	1	20.00	1.00	1.00	1.00		20.00	
	80.00	100.00	1	20.00	1.00	1.00	1.00		20.00	
	100.00	126.00	1	26.00	1.00	1.00	1.00		26.00	
	126.00	146.00	1	20.00	1.00	0.90	0.95		19.00	
	146.00	166.00	1	20.00	0.90	0.90	0.90		18.00	
	166.00	186.00	1	20.00	0.90	1.00	0.95		19.00	
	186.00	206.00	1	20.00	1.00	0.90	0.95		19.00	
	206.00	226.00	1	20.00	0.90	1.00	0.95		19.00	
	226.00	247.00	1	21.00	1.00	1.00	1.00		21.00	
	Asphalt Road									

437.68

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
	Maramma Temple Back Side									
	0.00	20.00	1	20.00	4.80	5.60	5.20		104.00	
	20.00	30.00	1	10.00	5.60	4.60	5.10		51.00	
	30.00	50.00	1	20.00	4.60	5.20	4.90		98.00	
	50.00	70.00	1	20.00	5.20	5.40	5.30		106.00	
	70.00	90.00	1	20.00	5.40	5.90	5.65		113.00	
	90.00	110.00	1	20.00	3.90	5.70	4.80		96.00	
	110.00	130.00	1	20.00	5.70	5.80	5.75		115.00	
	130.00	150.00	1	20.00	5.80	6.20	6.00		120.00	
	150.00	166.00	1	16.00	6.20	7.20	6.70		107.20	
	166.00	186.00	1	20.00	7.00	6.40	6.70		134.00	
	186.00	206.00	1	20.00	6.40	7.10	6.75		135.00	
	206.00	217.00	1	11.00	7.10	5.90	6.50		71.50	
Executed Quantity									1688.38	Sqm
Quantity carried to summary of 9th RA bill									1688.38	Sqm

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

1250.70

Contractor Representative

Assistant Engineer
New Ward No. 11
BBMP Bengaluru

Consultant Representative

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP Bengaluru

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE

Assistant Executive Engineer, Kodigehalli Sub Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

9th & Part Bill

Item NO	21	
Item Name	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects	

SL NO	CHAINAGE		NO	Length	Breadth	Breadth	Avg	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	Breadt	(m)		
Measurement Recorded On : 4/4/23				4-Mar-23						
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
	Asphalt Road									
	Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)									
	Pipe Line Cutting									
	0.00	20.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	20.00	40.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	40.00	60.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	60.00	80.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	80.00	100.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	100.00	126.00	1	26.00	0.60	0.60	0.60	0.05	0.78	
	126.00	146.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	146.00	166.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	166.00	186.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	186.00	206.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	206.00	226.00	1	20.00	0.60	0.60	0.60	0.05	0.60	
	226.00	247.00	1	21.00	0.60	0.60	0.60	0.05	0.63	
	Potholes									
			1	2.40	2.30	3.10	2.70	0.05	0.32	
			1	5.30	2.20	3.20	2.70	0.05	0.72	
			1	3.80	1.30	1.60	1.45	0.05	0.28	
			1	2.80	1.30	1.50	1.40	0.05	0.20	
			1	8.30	2.30	2.10	2.20	0.05	0.91	
	ProfileCorrection									
	0.00	20.00	1	20.00	1.00	1.00	1.00	0.05	1.00	
	20.00	40.00	1	20.00	1.00	1.10	1.05	0.05	1.05	
	40.00	60.00	1	20.00	0.90	1.00	0.95	0.05	0.95	
	60.00	80.00	1	20.00	1.00	1.00	1.00	0.05	1.00	
	80.00	100.00	1	20.00	1.00	1.00	1.00	0.05	1.00	
	100.00	126.00	1	26.00	1.00	1.00	1.00	0.05	1.30	
	126.00	146.00	1	20.00	1.00	0.90	0.95	0.05	0.95	
	146.00	166.00	1	20.00	0.90	0.90	0.90	0.05	0.90	
	166.00	186.00	1	20.00	0.90	1.00	0.95	0.05	0.95	
	186.00	206.00	1	20.00	1.00	0.90	0.95	0.05	0.95	
	206.00	226.00	1	20.00	0.90	1.00	0.95	0.05	0.95	
	226.00	247.00	1	21.00	1.00	1.00	1.00	0.05	1.05	
	Asphalt Road									

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

21.88

NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadt	Depth (m)	Qty	Remarks
	Maramma Temple Back Side									
	0.00	20.00	1	20.00	4.80	5.60	5.20	0.05	5.20	
	20.00	30.00	1	10.00	5.60	4.60	5.10	0.05	2.55	
	30.00	50.00	1	20.00	4.60	5.20	4.90	0.05	4.90	
	50.00	70.00	1	20.00	5.20	5.40	5.30	0.05	5.30	
	70.00	90.00	1	20.00	5.40	5.90	5.65	0.05	5.65	
	90.00	110.00	1	20.00	3.90	5.70	4.80	0.05	4.80	
	110.00	130.00	1	20.00	5.70	5.80	5.75	0.05	5.75	
	130.00	150.00	1	20.00	5.80	6.20	6.00	0.05	6.00	
	150.00	166.00	1	16.00	6.20	7.20	6.70	0.05	5.36	
	166.00	186.00	1	20.00	7.00	6.40	6.70	0.05	6.70	
	186.00	206.00	1	20.00	6.40	7.10	6.75	0.05	6.75	
	206.00	217.00	1	11.00	7.10	5.90	6.50	0.05	3.58	
Executed Quantity									84.42	Cum
Quantity carried to summary of 9th RA bill									84.42	Cum

62.54

Contractor Representative

Assistant Engineer
New Ward No. 11
BBMP Bengaluru

Consultant Representative

Assistant Executive Engineer
Kodegehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANAGLORE MAHANAGARA PALIKE
Assistant Executive Engineer, Kodigehalli Sub Division
Package No.06 (Consists of 14 Works)
Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,
Workorder No: BBMP/EE/BTP/WO/76/22-23
Job Code: 009-23-000003

Item NO	22	9th & Part Bill
Item Name	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification No. 503	

SL NO	CHAINAGE Land mark		NO	Length (m)	Breadth B1(m)	Breadth B2(m)	Avg Breadth	Depth (m)	Qty	Remarks
Measurement Recorded On : 4/4/23				6-Mar-23						
12) Improvements to Road and Drains at Virupakshapura and Surrounding area in Ward No.09 (Vidyaranyapura)										
	Virupakshapura									
	Asphalt Road									
	Maruthi Layout Main Road (Railway Parallel Road to Virupakshapura Arch)									
	0.00	20.00	1	20.00	7.00	7.00	7.00		140.00	
	20.00	40.00	1	20.00	7.00	5.90	6.45		129.00	
	40.00	60.00	1	20.00	5.90	6.00	5.95		119.00	
	60.00	80.00	1	20.00	6.00	5.20	5.60		112.00	
	80.00	100.00	1	20.00	5.20	5.90	5.55		111.00	
	100.00	126.00	1	26.00	5.90	5.20	5.55		144.30	
	126.00	146.00	1	20.00	6.00	5.90	5.95		119.00	
	146.00	166.00	1	20.00	5.90	5.50	5.70		114.00	
	166.00	186.00	1	20.00	5.50	5.90	5.70		114.00	
	186.00	206.00	1	20.00	5.90	5.40	5.65		113.00	
	206.00	226.00	1	20.00	5.40	5.60	5.50		110.00	
	226.00	247.00	1	21.00	5.60	6.30	5.95		124.95	
	Asphalt Road									
	Maramma Temple Back Side									
	0.00	20.00	1	20.00	4.80	5.60	5.20		104.00	
	20.00	30.00	1	10.00	5.60	4.60	5.10		51.00	
	30.00	50.00	1	20.00	4.60	5.20	4.90		98.00	
	50.00	70.00	1	20.00	5.20	5.40	5.30		106.00	
	70.00	90.00	1	20.00	5.40	5.90	5.65		113.00	
	90.00	110.00	1	20.00	3.90	5.70	4.80		96.00	
	110.00	130.00	1	20.00	5.70	5.80	5.75		115.00	
	130.00	150.00	1	20.00	5.80	6.20	6.00		120.00	
	150.00	166.00	1	16.00	6.20	7.20	6.70		107.20	
	166.00	186.00	1	20.00	7.00	6.40	6.70		134.00	
	186.00	206.00	1	20.00	6.40	7.10	6.75		135.00	
	206.00	217.00	1	11.00	7.10	5.90	6.50		71.50	
	Executed Quantity								**2700.95**	**Sqm**
	Quantity carried to summary of 9th RA bill								**2700.95**	**Sqm**

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor Representative

Assistant Engineer
New Ward No. 11
BBMP Bengaluru

Consultant Representative

Assistant Executive Engineer
Kodegehalli Sub Division
BBMP Bengaluru